

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	("20010053522"   "5922537").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/06 15:33
S2	21996	(detect\$3 or measure\$4 or determin\$5 or analyz\$3) near3 ((sample or analyte or target or nucleic or protein) with (substrate or support or membrane or surface))	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/16 14:09
S3	24513	(detect\$3 or measure\$4 or determin\$5 or analyz\$3 or sens\$3) near3 ((sample or analyte or target or nucleic or protein) with (substrate or support or membrane or surface))	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/16 14:11
S4	21577	((capacitive or capacitor) or (charge near2 separat\$3)) near3 (sensor or detector)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/16 14:14
S5	404	S3 and S4	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/16 14:14
S6	1	"20050227373".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/16 14:15
S7	1	S5 and S6	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/16 14:15
S8	161	S5 and @ay< "2003"	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/16 14:18
S9	161	S8 not (highway and oil)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/16 14:21
S10	114	S8 not (highway or oil)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/16 14:21
S11	17	S10 and (DNA or nucleic or protein or oligonucleotide or polynucleotide)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/16 14:28
S12	2	("20010053522"   "5922537").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/16 14:38
S15	15	("4233144", "4238757", "4180771", "4334880", "4444892", "4219335", "4054646", "4072576", "4287300", "4446238", "4420558", "4822566", "5468427", "55230654824529", "3954666", "3983299").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/07 11:57

S16	28345	((capacitive or capacitor or capacitance) or (charge near2 separat\$3)) near3 (sensor or detector)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/07 11:58
S17	24712	(detect\$3 or measure\$4 or determin\$5 or analyz\$3 or sens\$3) near3 ((sample or analyte or target or nucleic or protein) with (substrate or support or membrane or surface))	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/07 12:00
S18	635	S16 and S17	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/07 12:00
S19	34193	(detect\$3 or measure\$4 or determin\$5 or analyz\$3 or sens\$3) near4 ((sample or analyte or target or nucleic or protein) with (substrate or support or membrane or surface))	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/07 12:03
S21	852	S16 and S19	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/07 12:06
S22	319	S21 and @ad- "20020624"	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/07 12:08
S23	195	S22 and electrode	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/07 12:10
S24	0	"2003096321".PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/07 12:36
S25	0	"2003124522".PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/07 12:36
S26	0	"2003124522".PN.	US-PGPUB; USPAT; USOCR	AND	OFF	2008/07/07 12:36
S27	0	"2003124522".pn.	US-PGPUB; USPAT; USOCR	AND	OFF	2008/07/07 12:37
S28	449	S21 not electrode	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/07 13:21
S29	403	S21 not S28	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/07 13:21
S30	163	S22 not electrode	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/07 13:22
S31	156	S22 not S30	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/07 13:22
S32	55	S21 and (interdigital or interdigitat\$3) with electrode	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/07 14:06
S33	4	S21 and ((interdigital or interdigitat\$3) with electrode) and ((conduct\$3) with (label or tag))	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/07 14:08
S34	2	("5922537", "6440662").pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/07 14:37

S35	1	S31 and ((conduct\$3) with (label or tag))	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/07 14:57
S36	1	S31 and ((conduct\$3 or metal\$3) with (label or tag))	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/07 14:58
S37	4	S21 and ((interdigital or interdigitat\$3) with electrode) and ((conduct\$3) with (label or tag or reporter))	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/07 14:59
S38	29106	((capacitive or capacitor or capacitance) or (charge near2 separat\$3) or (non adj ohmic) or (non adj conduct\$3)) near3 (sensor or detector)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/07 15:07
S39	761	S38 not S16	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/07 15:08
S40	55	S39 and S17	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/07 15:08
S41	101	S30 and (nanotag or nanoparticle or nanobead) or conductive adj (label or tag or reporter)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/07 15:13
S42	133	S21 and (nanotag or nanoparticle or nanobead) or conductive adj (label or tag or reporter)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/07 15:14
S43	1	"6922081".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/07 16:27
S44	53	(flandre-denis, moreno-luis, pamplin-remi, bourgeois-david, remacle-jose, lobert-pierre-emmauel).in.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/07 17:07
S45	3	S44 and capacitive	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/07 17:13
S46	2	("20010053522"   "5922537").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/08 09:48
S47	962	(electrode with (cross\$3 near4 (fingers or digits or points))) or ((cross\$3 near3 interdigitat\$3) with electrode)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/08 13:46
S48	115	((electrode with (cross\$3 near4 (fingers or digits or points))) or ((cross\$3 near3 interdigitat\$3) with electrode)) same (capacitor or capacitive or capacitance)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/08 13:47

S49	82	((electrode with (cross\$3 near4 (fingers or digits or points))) or ((cross\$3 near3 interdigitat\$3) with electrode)) with (capacitor or capacitive or capacitance)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/08 13:48
S50	24	((electrode with (cross\$3 near4 (fingers or digits or points))) or ((cross\$3 near3 interdigitat\$3) with electrode)) same (sensor or biosensor)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/08 13:54
S51	309	(MOS or EEPROM) with ((capacitive or capacitance or capacitor) and gate) same (sensor or biosensor)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/08 14:06
S52	4	S51 and (protein or DNA or nucleic)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/08 14:06
S53	26	(matrix with sensor with DNA)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/08 14:18
S54	0	(matrix with sensor with DNA with capacit\$4)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/08 14:19
S55	0	(matrix with sensor with DNA) same capacit\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/08 14:20
S56	7	(matrix with sensor with DNA) and (point with electrode)	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/08 14:27
S57	0	S50 and (address\$3 near3 pair)	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/08 15:21
S58	0	S50 and (address\$3 near3 (pair or point))	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/08 15:21
S59	27	(three near2 electrode) with (system and (capacitance or capacitive))	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/09 11:30
S60	1	"6236096".PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/09 12:08
S61	1	"6682936".PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/09 12:24
S62	3	(aluminum near3 electrode) with (capacitive near3 (sensor or biosensor))	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/09 13:50
S63	1	(aluminum near3 electrode) with (capacitive near3 (sensor or biosensor))	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/07/09 13:51
S64	102	(aluminum near2 electrode) with (sensor or biosensor)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/10 14:27
S65	3	S64 and (protein or nucleic or DNA)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/10 14:29

S66	2	(alumina near2 (non adj conducting)) with (sensor or biosensor)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/10 14:41
S67	1080	alumina with (vapor adj deposition)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/10 15:01
S68	42	(alumina with (vapor adj deposition)) same sensor	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/10 15:02
S69	4	alumina with ((vapor adj deposition) and attachment)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/10 15:04
S70	1	"20030226768".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/10 15:08
S71	41620	435/6.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/10 16:20
S72	21829	((capacitive or capacitor) or (charge near2 separat\$3)) near3 (sensor or detector)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/10 16:20
S73	43	S71 and S72	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/10 16:20
S74	1	"20020050173".pn.	US-PGPUB; USPAT	OR	OFF	2008/07/21 08:29
S75	1	"6236096".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/21 08:55
S77	14	("20010053522"   "20020005580"   "20020050173"   "20020086119"   "20020166764"   "20030096321"   "20030124522"   "20030136960"   "5917264"   "5922537"   "5922537"   "6236096"   "6514394"   "6627154"   "6682936").FN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/05 09:53
S78	42902	(detect\$3 or measure\$4 or determin\$5 or analyz\$3 or sens\$3) near3 ((sample or analyte or target or nucleic or protein or label) with (substrate or support or membrane or surface or layer))	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/05 11:10
S79	125659	(conductive or metal\$3) with (sample or analyte or target or nucleic or protein or label)	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/05 11:12
S80	23356	((capacitive or capacitor) or (charge near2 separat\$3)) near3 (sensor or detector)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/05 11:12
S81	205	S78 S79 S80	US-PGPUB; USPAT; USOCR	AND	ON	2009/02/05 11:12
S83	56	S81 and @ad- "20020624"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/05 11:14

S84	1	"4219335".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/05 11:20
S85	37	non adj conducting adj electrode	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/05 12:46
S86	10240	((non adj conduct\$3) or insulat\$3) adj electrode	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/05 12:47
S87	2	S81 and S86	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/05 12:48
S88	11	US-20040058450-\$.D.ID. OR US-6977033-\$.D.ID. OR US- 20030224528-\$.D.ID. OR US- 20030012693-\$.D.ID. OR US- 7235389-\$.D.ID. OR US- 7172897-\$.D.ID. OR US- 6958132-\$.D.ID. OR US- 6772642-\$.D.ID. OR US- 6690179-\$.D.ID. OR US- 6551838-\$.D.ID. OR US- 6485905-\$.D.ID. OR US- 5466348-\$.D.ID	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/05 14:35
S89	2	S88 and ((capacitive or capacitor) or (charge near2 separat\$3)) near3 (sensor or detector)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/05 14:35
S90	1	"20050227373"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/06 12:23
S91	1	"3767438".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/13 10:29
S92	1	"5399106".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/13 10:35
S93	6	(capacitive with (detection or coupling)) same non- ohmic adj contact	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/13 10:43
S94	1	(capacitive with detection) same non-ohmic adj contact	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/13 10:44
S95	1	(capacitive or capacitance) with (measure\$4 or detect \$3) same non-ohmic adj contact	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/13 11:05
S96	133	gold with (silver near2 precipitation)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/13 11:07
S97	86	S96 and @ad< "20020624"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/13 11:08
S98	0	S97 and (capacitance or capacitive)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/13 11:08
S99	613	gold and (silver near2 (precipita\$4 or deposit\$3)) and (capacitance or capacitive)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/13 13:09

S100	62	gold and (silver near2 (precipita\$4 or deposit\$3)) same (capacitance or capacitive)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/13 13:10
S101	0	interdigitating with electrode with (pair or individual\$2) with address\$3	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/13 14:30
S102	709	((interdigitating or parallel or finger) with electrode) with ((pair or individual\$2) with address\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/13 14:31
S103	15	((interdigitating or finger) with electrode) with ((pair or individual\$2) with address \$3)	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/13 14:32
S104	0	(Ag silver Au gold precious adj metal) with (label\$3 tag \$4 reporter) with (capacitance capacitive capacitor) with sensor	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/02 12:51
S105	0	(Ag silver Au gold precious adj metal) with (label\$3 tag \$4 reporter) with (capacitance capacitive capacitor) with sensor	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/02 12:51
S106	1	(Ag silver Au gold precious adj metal) with (label\$3 tag \$4 reporter) with (capacitance capacitive capacitor) with sensor	FPFS; EPO; JPO; DERWENT	OR	ON	2009/12/02 12:51
S107	9	(Ag silver Au gold precious adj metal conductive) with (label\$3 tag\$4 reporter) with (capacitance capacitive capacitor) with sensor	FPFS; EPO; JPO; DERWENT	OR	ON	2009/12/02 12:53
S108	35	(Ag silver Au gold precious adj metal conductive) with (label\$3 tag\$4 reporter) with (capacitance capacitive capacitor) with sensor	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/02 13:04
S109	1	"7470533".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/02 13:13
S110	136	(hanke-hans-christian, paulus-christian, schienle-meinrad, thewes-roland).in.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/02 13:17
S111	2	S110 and conductive with label	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/02 13:18
S112	0	electrode with "non-conducting" with "contact \$3" same (capacitive capacitance capacitor)	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/02 13:50

S113	73	electrode with "non-conducting" with contact\$3 same (capacitive capacitance capacitor)	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/02 13:50
S114	2	electrode with "non-conducting" with contact\$3 same (capacitive capacitance capacitor)	PPRS; EPO; JPO; DERWENT	OR	ON	2009/12/02 14:05
S115	0	("2006/0226030").URPN.	USPAT	OR	OFF	2009/12/02 14:36
S116	3	("5922537", "6440662", "4794089").pn.	USPAT	OR	OFF	2009/12/02 14:42
S117	1	"5114674".pn.	USPAT	OR	OFF	2009/12/02 15:21

**EAST Search History (Interference)**

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